

ARMY TRAINING DEVELOPMENTS INST FORT MONROE VA  
WORD CRITICALITY ANALYSIS. MOS: 67U. SKILL LEVELS 1 & 2.(U)  
SEP 81 A A LONGO  
MOS-67U

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$$f_{\alpha} = f_{\alpha}^{\text{in}} + f_{\alpha}^{\text{out}}, \quad f_{\alpha}^{\text{in}} = f_{\alpha}^{\text{in}}(x, v, t), \quad f_{\alpha}^{\text{out}} = f_{\alpha}^{\text{out}}(x, v, t)$$

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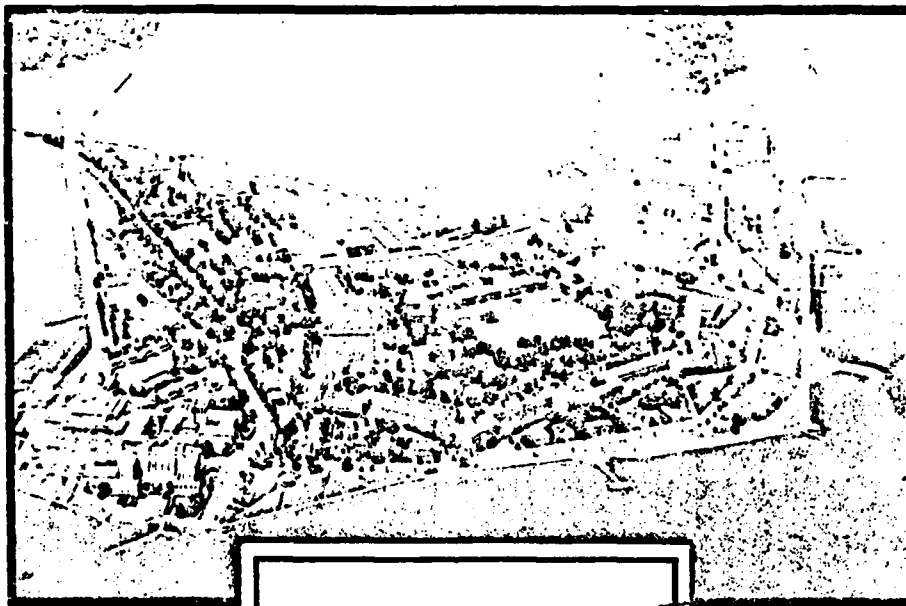
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UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

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Word Criticality Analysis

MOS: 67U

Skill Levels 1 & 2

PREPARED BY: OPERATIONS DIV, DPFO

ATDP FORM  
Oct 80 109-1

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19. KEY WORDS (Continue on reverse side if necessary and identify by block number) MOS Vocabulary Readability Comprehension of text Curriculum Development		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report contains terms selected as having some degree of criticality in the training/performance of tasks contained in the respective MOS Soldier's Manual (SM). These critical words were selected by subject matter/job experts knowledgeable in their MOS. The vocabulary set used as the basis for critical word analysis was the Word Frequency Report based on the SM for the same MOS.		

## Contents and General Information

1. The Word Criticality Analysis (WCA) reports were reproduced exactly as generated via computer printout. The prime users of this document were fully cognizant of its contents and required no special instructions for interpretation. However, for the sake of other readers, the following brief description of contents is provided.

2. The WCA reports for most MOS are divided as follows:

- o Skill Level I
- o Skill Level II

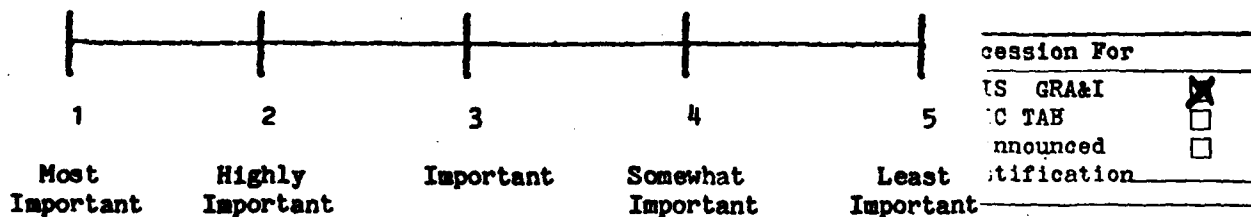
However, due to the way some Soldier Manuals are constructed, the WCA for some MOS have both Skill Levels merged into one report. Each Skill Level is subdivided into two sections.

a. Introductory - these MOS critical words, identified by the code "TRN", represent terms unmatched on the master tape for that MOS. (Reasons for this include: words volunteered as critical; keypunching errors; updating master tapes per changes in SM, etc). NOTE: The number to the left of each critical word is its criticality index defined below.

b. Main - these MOS critical words are ranked alphabetically within a criticality index (defined below) that also is ranked from 1-5. The numbers to the right of the critical words represent the SM page on which that term appeared and its frequency of appearance. Example "222,4" is interpreted as: "4 times on page 222". NOTE: Due to computer programming/sort difficulties, the accuracy of correct page referencing is only approximately 80% for most reports. Improvements in programming and coding increased this accuracy to 95% in those reports completed last (i.e., dated Jan-Mar 82).

### 3. Word Criticality Index:

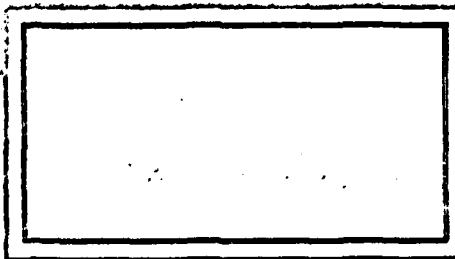
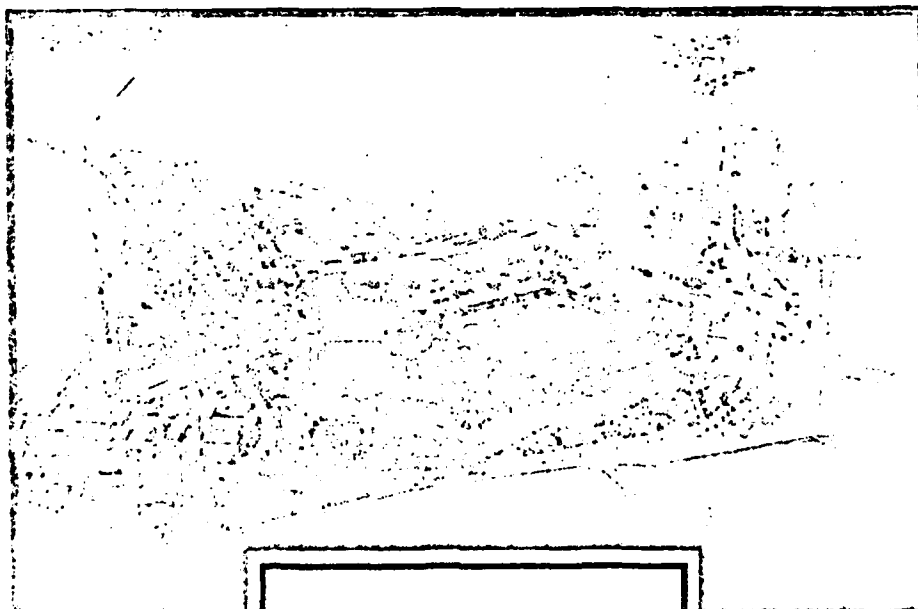
The following 5 point rating scale was used by a team of up to 3 subject matter experts from Army MOS proponent schools to rate each word selected as having some importance for training/performing a critical task:



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**UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND**  
**FORT MONROE, VIRGINIA 23651**

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PAGE NO. 7

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## WCA Index

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ERICTU01 002T 801A1/H00609 1402 EASY RIEVAL AND DATA MANIPULATOR

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IF ELJ 2 ENURLN

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DDNAME=CYLINDEX UNIT=346

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1	DIAPHRAGM	119.2	6.2																	
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1	DISASSEMBLY	28.2	5.1																	
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1	FLANGES	15.1																		
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1	HAZARDS	5.2																		
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1	LOCATION	48.1																		
1	IDENTIFICATION	24.3																		





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2	CONSTANT	201											
2	CONSTANTLY	501											
2	CONTROL	501	1701	503									
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2	CONTROLLING	301											
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## 4

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2	RESISTANCE	165.1	47.1																
2	PERSISTENCE	99.1																	
2	RUE	124.1	101.1	42.2	125.1	190.2	140.1	141.3	199.1										
2	SATIZING	9.1																	
2	SENSITIVE	16.1																	
2	SEASER	150.3																	
2	SERIAL	14.1	1.2	66.2															
2	SERIES	5.1	4.1	3.1	7.2	112.1	111.3												
2	SERVICE	3.2	118.2	117.1	22.3	6.2	8.2	37.1	33.2	42.7	41.3	40.2	39.3	38.1					
		37.2	37.1	32.4	25.1	24.1	6.1	76.2	76.1	69.2	67.3	63.3	61.1	59.2					
		9.1	17.1	15.1	17.2	12.1	4.2	17.1	9.1										
2	SERVICEABILITY	75.1	49.1	98.4	76.2														
2	SERVICEABLE	16.1	3.2	30.1															
2	SERVICED	22.1	63.1	46.1															
2	SPPVICES	5.1																	
2	SERVICING	22.1	6.1	82.1	9.1	2.1													
2	SHAFT	12.3	50.3	65.6	9.1	13.2	6.2	24.1	109.1	1.7.3	106.3	96.1	5.1	58.3					
		57.2	36.2	54.3	63.2	6.1	12.1	94.1	90.1	91.1	59.4	69.5	68.11						
		9.1	61.2	8.1	202.1	117.1	74.2	63.4	92.1										
2	SHAFITIG				202.1														
2	SHIFTS	50.1	57.1	166.4															
2	SHARP	132.2																	
2	SHARPER	19.1																	
2	SHOCK	114.4	111.3	17.5	150.6	127.3	500.5	115.1	146.2	125.2	72.3	51.4	104.1						
2	SHOULD	73.2																	
2	SIMULTANECUSLY	22.1	8.1																
2	SPAR	6.1																	
2	SPRICAL	121.3																	
2	ST. BLTIV	149.1	6.1																
2	ST. BLTZF	136.1	149.1	98.1															
2	STANDARD	165.1	2.1																
2	STANDARDIZED	110.1	17.1	169.1	167.1	166.1	46.1	113.1	36.1	53.1	48.1	47.1	105.1	103.1					
		6.1	111.1	107.2	118.1	116.1	16.1	9.1	38.1	40.1	39.1	38.1	37.1	44.1					
		26.1	2.1	28.1	27.1	4.1	2.1	3.1	30.1	142.1	141.1	73.1	72.1	76.1					
		74.1	14.1	139.1	138.1	163.1	1.1	31.1	164.1	5.1	106.1	106.1	98.1	42.1					
		41.1	3.1	47.1	6.1	11.1	7.2	4.1	4.1	74.1	74.1	14.1	12.1	13.1					
		23.1	22.1	157.1	24.1	156.1	155.1	154.1	21.1	120.1	119.1	94.1	92.1	91.1					
		153.1	9.1	25.1	64.1	62.1	67.1	66.1	95.1	173.1	172.1	77.1	71.1	136.1					
		129.1	124.1	134.1	70.1	63.1	62.1	127.1	146.1	121.1	137.1	8.1	151.1	165.1					
		146.1	144.1	143.1	147.1	15.1	12.1	15.1	14.1	139.1	138.1								
		35.1	34.1	22.2	36.1	38.1	37.2	4.2	35.2	110.1	107.2	106.1	9.1	8.2					
		7.7	6.2	5.2	4.2	13.2	12.2	11.1	11.2	74.1	52.1	14.2	15.1	144.1					
		166.1	2.1	143.1	167.1	25.2	28.1	27.2	192.1	140.1	139.1	141.1	83.1	78.1					
		3.2	31.1	121.1	172.1	17.1	16.1	17.1	136.1	127.1	134.1	130.1	129.1	124.1					
		126.1	124.1	120.1	119.1	118.1	46.1	47.1	85.1	75.1	26.1	25.2	24.3	23.1					
		17.1	1.1	152.1	155.1	153.1	152.1	71.1	67.1	77.1	52.1	71.1	33.2	31.1					
		105.1	104.1	76.1	74.1	73.1	71.1	66.1	67.1	66.1	65.1	64.1	105.1	103.1					
		62.1	10.1	55.1	54.1	6.1	58.2	56.2	106.1	151.1	150.6	149.1	157.1	156.1					
		148.1	147.1	146.1	99.1	98.1	41.2	3.1	98.1	47.2	46.1	45.1	44.2	43.1					
		42.2	520.5	43.1															

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3	UTILITY	47.4	42.5	41.5	40.5	1.1	109.2	137.1	98.2						
3	VALUE	44.1													
3	VALVE	127.3	91.3	42.2	150.5	147.1	141.1	173.3	104.2	88.1	78.2	52.1	41.2	39.2	
		1.1	30.1	4.2											
3	VALVES	38.1	91.3	88.1											
3	VARIABLE	41.1													
3	VARIABLES	42.1													
3	VARIABLE	2.1													
3	VARIABLE	42.1	97.1	107.1											
3	VARIABLE	25.1													
3	VARIABLE	2.2	1.1	5.1	20.1	1.1									
3	VARIABLE	71.1	91.1												
3	VARIABLE	5.1													
3	VARIABLE	150.2													
3	VARIABLE	15.1													
3	VARIABLE	97.1													
3	VARIABLE	50.1	142.4	137.2	104.1										
3	VARIABLE	60.3	34.2	68.1	69.1	112.1	109.1	152.1	50.1						
3	VARIABLE	73.1	4.1	3.6	2.1										
4	ABILITY	40.1	17.1	6.1	5.7	4.1	3.2	2.1	1.2	100.1	92.2	58.1	49.4	44.1	
4	ABLE	43.1	42.1												
		25.2	24.2	3.4	1.1										
4	ACHIEVE	9.1	2.2	51.3											
4	ACHIEVE	12.1	1.3												
4	ACHIEVE	5.1													
4	ACHIEVE	8.4	7.1	5.1	46.1	34.2	20.1	4.1	213.1	150.1	56.3	55.3	54.3	53.3	
		52.4	51.1	49.2											
4	ALARM	5.1	4.1	1.1	16.1	13.1									
4	ALARM	7.2	1.1	5.2											
4	ALARM	3.1													
4	ALARM	50.6	116.1												
4	ALARM	115.1	112.1												
4	ALARM	3.1													
4	ALARM	14.1													
4	ALARM	12.1													
4	ALARM	17.1	7.2	6.1	1.10	5.28	4.1	3.3	2.3						
4	ALARM	1.1													
4	ALARM	17.2													
4	ALARM	88.2	23.1												
4	ALARM	21.1	38.1												
4	ALARM	4.1													
4	ALARM	4.1													
4	ALARM	22.1													
4	ALARM	16.1													
4	ALARM	13.4	7.5	6.4	2.1	1.4									
4	ALARM	4.1													
4	ALARM	1.1													
4	ALARM	7.1	1.1												
4	ALARM	4.1	4.1												
4	ALARM	20.1													
4	ALARM	16.1	3.3												

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5 LESSON	599	492	191	5691	10092	42493	9391	9991	4993	4791	4991	4291	2091
	1391	991	791	691									
5 LITERARIES	191												
5 LIBRARY	2091												
5 LIFESAVING	4791	9291	9191	4991									
5 LIFT	4791	19091	12191	4892	6891	9291	11092	7391					
5 LIFTING	9791	9691	9492	10496	10991	9991	9491	6891					
5 LIPA	2091	1891	192										
5 LIQUID	891												
5 LIQUIDS	9491												
5 LOAD	10391	17192	17092	19491	18791	18691							
5 LOADING	4291	991	16791										
5 LITEL	391	291	1792	1391	791								
5 LEAF	2591	2491											
5 LOSS	19091	12891	2491										
5 LOSSIN	991	9192	16791	9491	7891	7991	9991						
5 LOSSINESS	14794												
5 MAGAZINE	3291	3091											
5 MAJOR	399	199											
5 MAJOR	9491	391											
5 MARK	3592	1991	4091	9992	17094	13092	4291	19991	991	498	996		
5 MARKED	9891	14391											
5 MARKERS	997												
5 MARKING	13092	9891	991										
5 MARKS	392	12491	493										
5 MASK	992	192	1099	1293	42492	9291	4799	1899	899	291	792	691	993
	992	496											
5 MASK-TO-MOUTH	891	1192	1291										
5 MASKED	4792												
5 MASKE	1693												
5 MEANING	991												
5 MEANS	192	391	9692										
5 METAL	1791												
5 METALLY	9991												
5 MESSAGE	192	1791	291	1991	1893								
5 MILE	1891												
5 MILE	1092												
5 MILITARY	192	292	792	994	4491	3991	9892	992					
5 MINUTE	1291	4791	4091	2991	1791	18991							
5 MINUTES	4992	4791	4491	2992	3291	2791	1791	1897	3491	3691	9991	4391	4291
	3091	891	793	1091	691	1291	1892						
5 MISSION	1591												
5 MORE	16991	17291	17095										
5 MONTHLY	19291												
5 MONTHS	391												
5 MOTION	491	12194	12693										
5 MOTOR	10694												
5 MOTOR-PUMP	10891	16791	9992										
5 NECESSARY	291	199	991	12991	929	9193	4893	9291	2991	1392	791	493	14891
	13191												
5 NECESSITATE	2791	12491											

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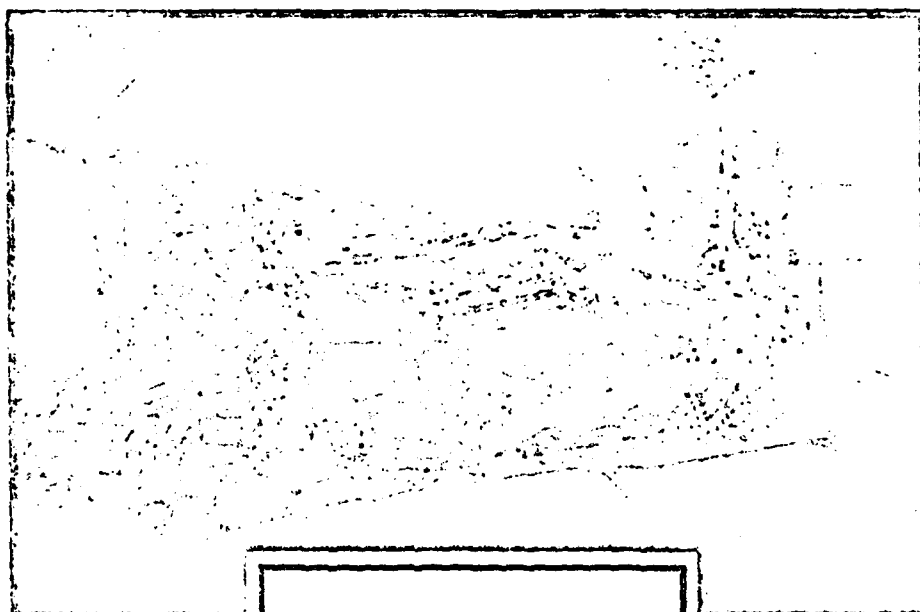
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**HEADQUARTERS**  
**UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND**  
**FORT MONROE, VIRGINIA 23651**

DATA CONTROL NUMBER \_\_\_\_\_  
JOB NO. / PROJECT NO.



PREPARED BY: OPERATIONS DIV. DPFO

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